



# Mains-voltage linear R7S with very high light output

## CorePro LEDlinear MV

CorePro R7S is a retrofit replacement for traditional double-ended linear R7S lamps. Its 'light all around' design delivers light just like a halogen lamp. Within the range you can choose dimmable products which have deep dimming function that enables a cozy ambience when using a dimmable fixture.

### Benefits

- Up to 90% energy saving compared to standard halogen lamps
- Lower maintenance costs

### Features


- Easy retrofit
- Operates at 220–240 V AC and its form-factor is designed as a direct retrofit into all double ended holders
- Lifetime of 15,000 hours (B50L70)
- UV- and IR-free light
- Free of mercury and hazardous materials – RoHS compliant

### Application


- Living rooms, corridors, outdoor luminaires (security lighting), free floor-standing indoor luminaires, construction lighting

# CorePro LEDlinear MV


## Versions



LED Lamps, CorePro 118 mm R7S

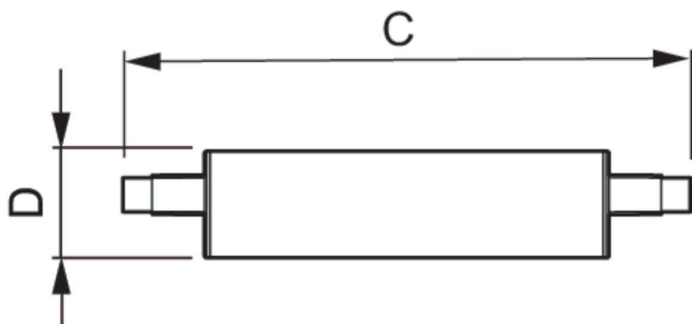


DTE310 3 x 10A Trailing Edge Dimmer Controller



CorePro LEDlinear MV 120W R7S 830 Linear

## Dimensional drawing



Product	D	C
CorePro LED linear D 14-120W R7S 118 830	29 mm	118 mm
CorePro LED linear D 14-120W R7S 118 840	29 mm	118 mm
CorePro R7S 118mm 14-100W 830 D	29 mm	118 mm
CorePro R7S 118mm 14-100W 840 D	29 mm	118 mm

General Information	
Cap-Base	R7s
Switching Cycle	50,000
Nominal lifetime	15,000 hour(s)
Light Technical	
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Power Consumption	14 W
Starting Time (Nom)	0.5 s
Mechanical and Housing	
Bulb Shape	Linear
Approval and Application	
Energy Consumption kWh/1000 h	14 kWh

## Light Technical

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929001243702	CorePro R7S 118mm 14-100W 830 D	3000 K	830	1,600 lm
929001243802	CorePro R7S 118mm 14-100W 840 D	4000 K	840	1,800 lm
929001353602	CorePro LED linear D 14-120W R7S 118 830	3000 K	830	2,000 lm
929001353702	CorePro LED linear D 14-120W R7S 118 840	4000 K	840	2,000 lm

## Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Order Code	Full Product Name	Wattage Equivalent
929001243702	CorePro R7S 118mm 14-100W 830 D	100 W	929001353602	CorePro LED linear D 14-120W R7S 118 830	120 W
929001243802	CorePro R7S 118mm 14-100W 840 D	100 W	929001353702	CorePro LED linear D 14-120W R7S 118 840	120 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001243702	CorePro R7S 118mm 14-100W 830 D	90 °C
929001243802	CorePro R7S 118mm 14-100W 840 D	90 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001353602	CorePro LED linear D 14-120W R7S 118 830	100 °C
929001353702	CorePro LED linear D 14-120W R7S 118 840	100 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
929001243702	CorePro R7S 118mm 14-100W 830 D	Only with specific dimmers
929001243802	CorePro R7S 118mm 14-100W 840 D	Only with specific dimmers
929001353602	CorePro LED linear D 14-120W R7S 118 830	Yes
929001353702	CorePro LED linear D 14-120W R7S 118 840	Yes

